

# EUROPEAN PATENT OFFICE

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I

APPLICANT : SONY CORP;

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C10M105:60 ) C10N 20:04 C10N  
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TITLE : LUBRICANT AND MAGNETIC  
RECORDING MEDIUM COATED WITH  
SAME



II

ABSTRACT : PURPOSE: To obtain a lubricant which can be applied very thinly while exhibiting excellent lubricating properties and is durable in long-term service in wide temperature and humidity ranges by incorporating a specific perfluoropolyether carboxylic acid amine salt.

CONSTITUTION: The title lubricant contains a perfluoropolyether carboxylic acid amine salt represented by formula I or II wherein  $R_{1a}$  is a perfluoropolyether group having an average molecular weight of 500-10,000 and  $R_{1b}$  is a 11-30C fluorinated alkyl. Preferably, the lubricant is applied in an amount of 0.5-100mg/m<sup>2</sup> on the magnetic layer of a magnetic recording medium which has the layer on a nonmagnetic support.

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